



# FEMA



Prepared by  
*Brian Hoeth*

# FEMA Region 6 Weather Threat Briefing

Thursday, March 7, 2019

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).

# Summary of the Upcoming Week



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## Today

- **Critical fire weather conditions expected across S&E NM and W TX.**
- **Strong winds are expected across much of NM.**

## Friday

- **Marginal risk for severe storms (main threat is hail) over portions of OK/N TX/W AR Friday night into Saturday morning.**
- **Critical fire weather conditions possible across SE NM and W TX.**

## Saturday

- **Severe thunderstorms with damaging winds and a few tornadoes are possible across AR/LA/East-Central into E OK and N&E&SE TX.**
- **Elevated fire weather conditions possible across E NM/W TX into the TX Panhandle.**

## Sunday

- **Severe thunderstorms possible across South-Central into SE LA.**

## Monday

- **No significant weather impacts.**

## River Flooding

- **Moderate to Major flooding will continue this week and into next week on the Mississippi River at many locations in E AR/E LA.**
- **The MS Flooding is slightly higher than 2016 & 1997.**
- **Rainfall this week is not expected to significantly impact the ongoing river flooding.**

# FEMA Region 6 Threat Matrix

Mar 7, 2019 – Mar 11, 2019



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DAY / THREAT	THU	FRI	SAT	SUN	MON
Severe Storms		OK/N TX/W AR	N&E&SE TX/ E Central OK/S LA AR/N&C LA/ E OK/NE TX	South-Central into SE LA	
Heavy Rain / Flash Flooding					
Winter Weather					
Strong Winds	NM				
Fire Weather	S & E NM/W TX	SE NM/W TX	E NM/W TX & TX Panhandle		
River Flooding	E AR/E LA	E AR/E LA	E AR/E LA	E AR/E LA	E AR/E LA

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria.  
State or local threat level criteria may differ.\*  
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

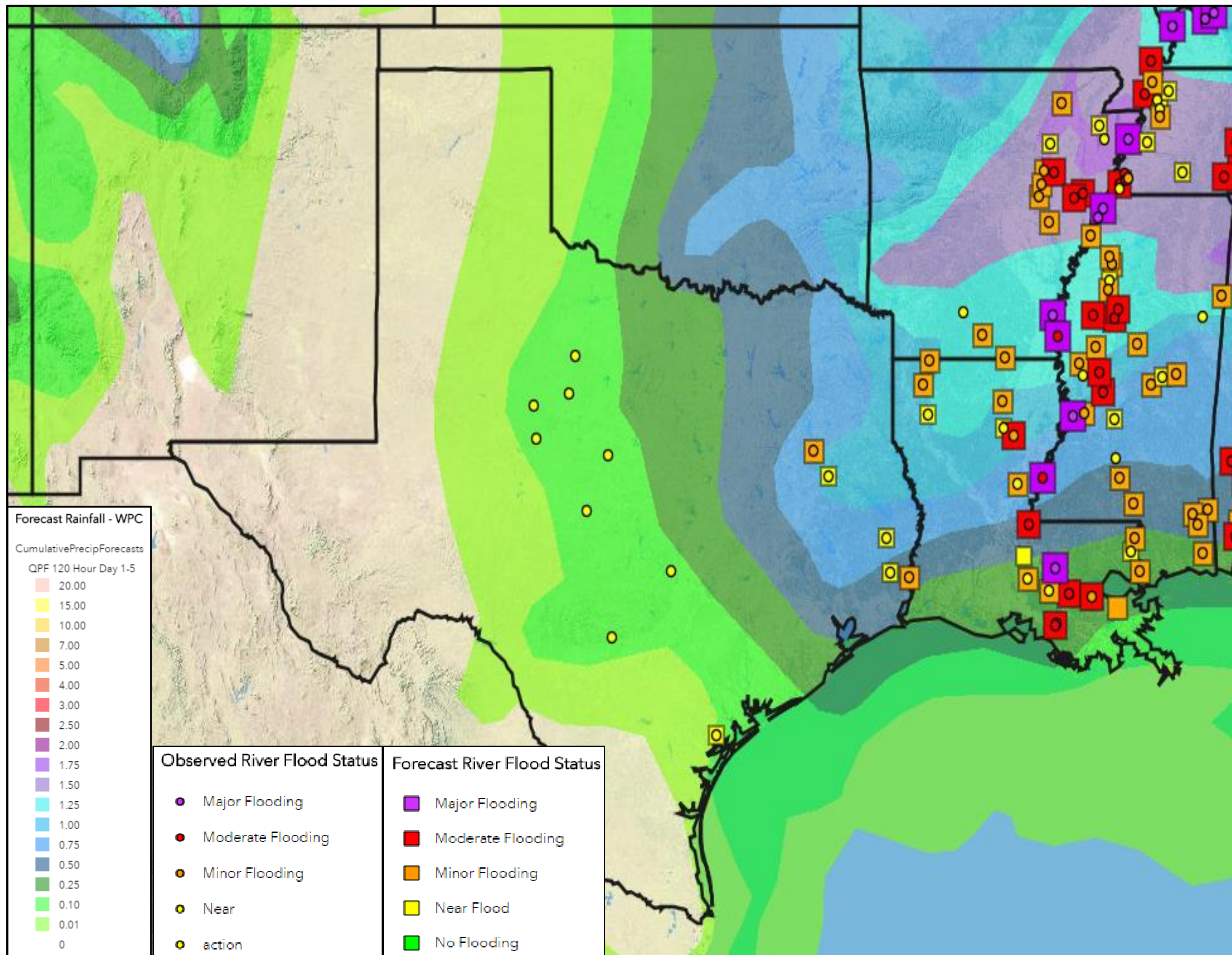


# 5-Day Precipitation Forecast & River Flood Status



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*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



**Moderate to Major flooding will continue this week and into next week on the Mississippi River at many locations in E AR/E LA. The MS Flooding is slightly higher than 2016 & 1997. Rainfall the next 5 days is not expected to significantly impact the ongoing river flooding.**

## Arkansas

- **All rivers have crested except the MS River.**
- **Mississippi River at Osceola, Tunica Riverpark, and near Arkansas City remain at major flood, but have all crested.**
- **Mississippi River near Greenville, MS is in moderate and forecast to rise a little bit and crest just below major flood stage over the next few days.**

## Louisiana

- **MS River at Baton Rouge is at Major flood and rising. Shipping and industrial activities are significantly affected. The city of Baton Rouge is protected by levees at the currently forecast levels.**
- **MS River at Vicksburg and Natchez are at major flood stage and rising with some homes and roads impacted.**

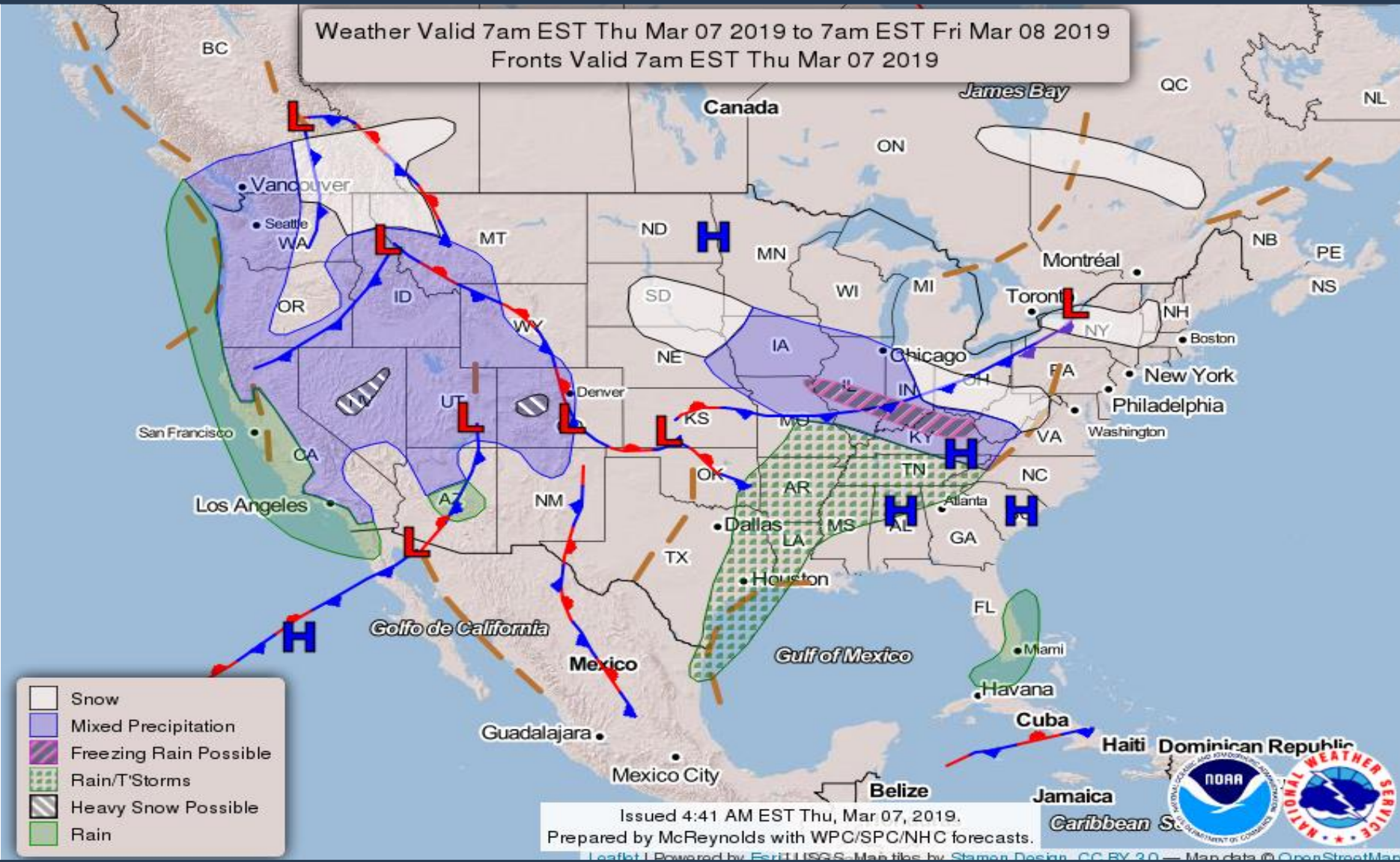


# Today's Weather

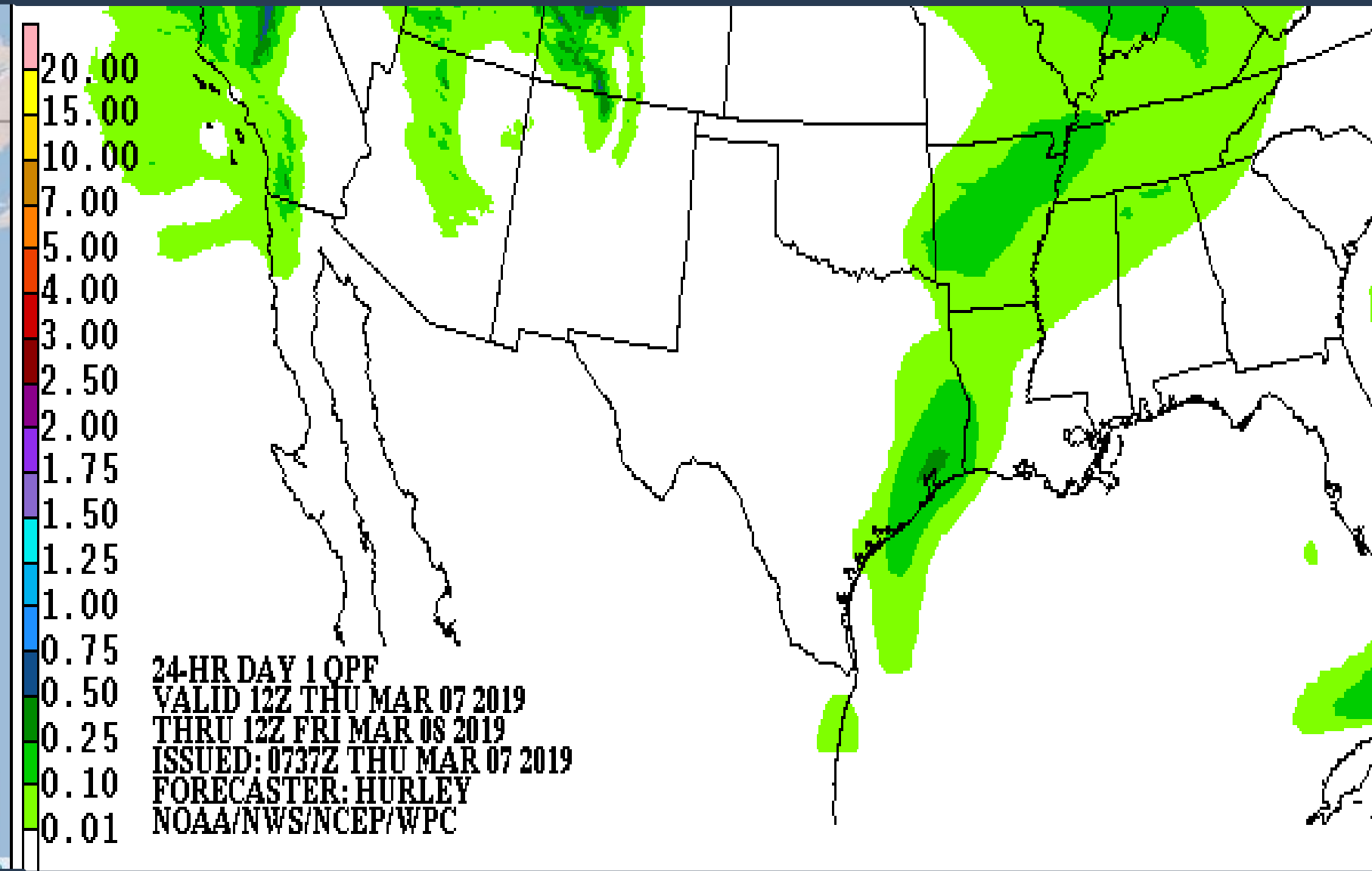


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## Forecast Chart

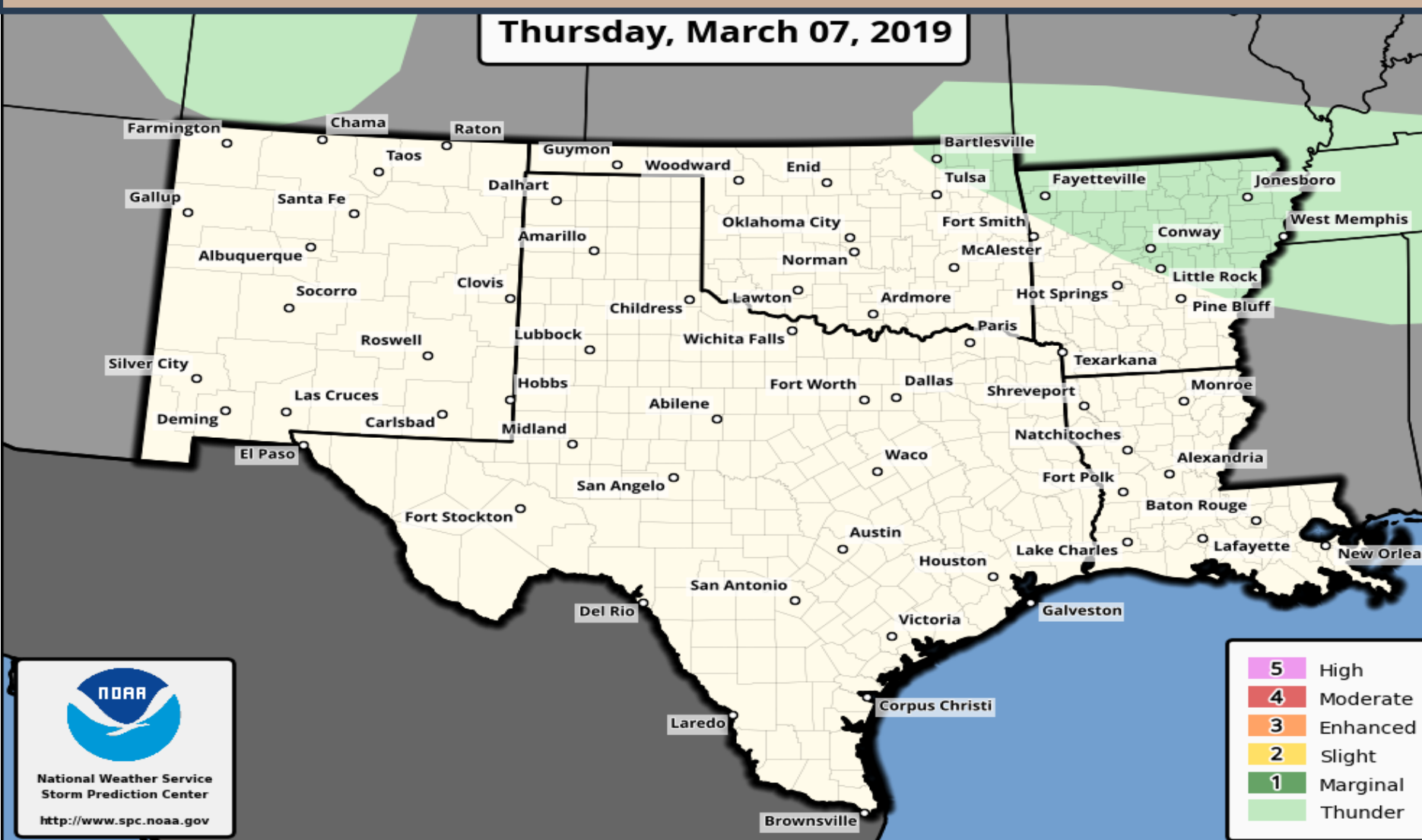


## Forecast Rainfall



**No significant weather impacts expected.**

## Severe Weather Outlook



## Excessive Rainfall Outlook

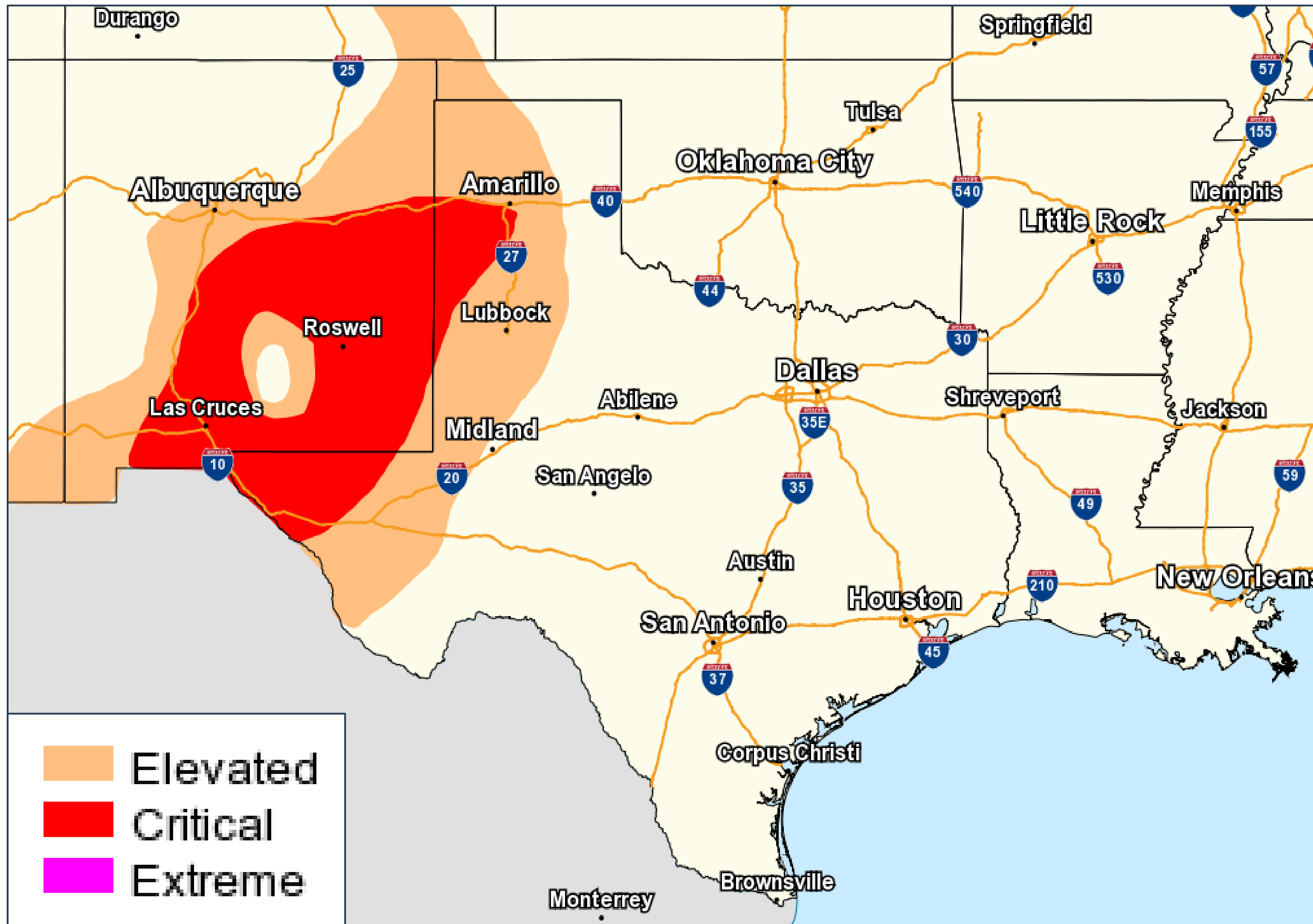




# Today's Fire Weather Outlook



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**Critical fire weather conditions expected  
across S & E NM and WTX.**



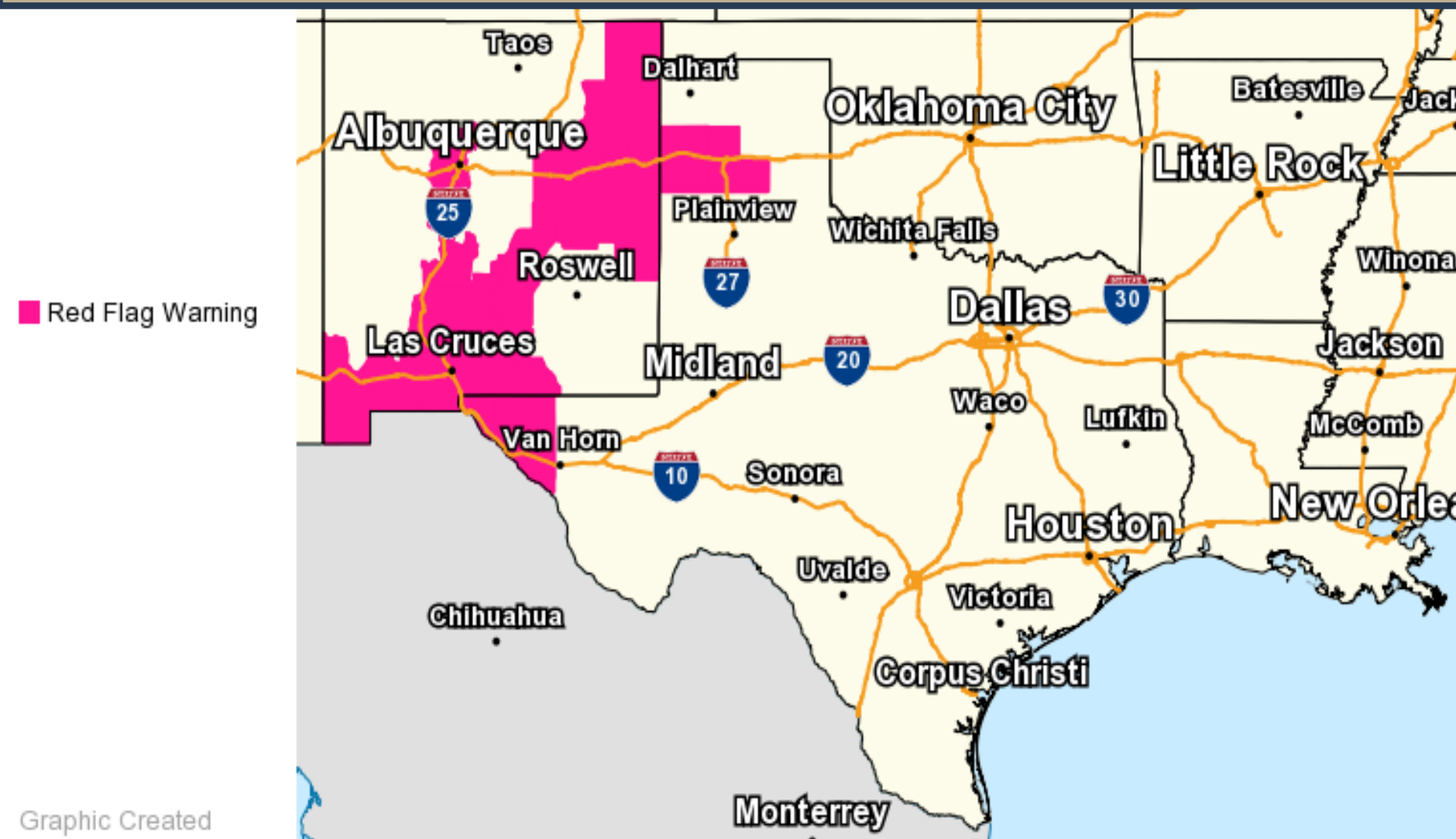
# Watches, Warnings, and Advisories



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## Fire Weather



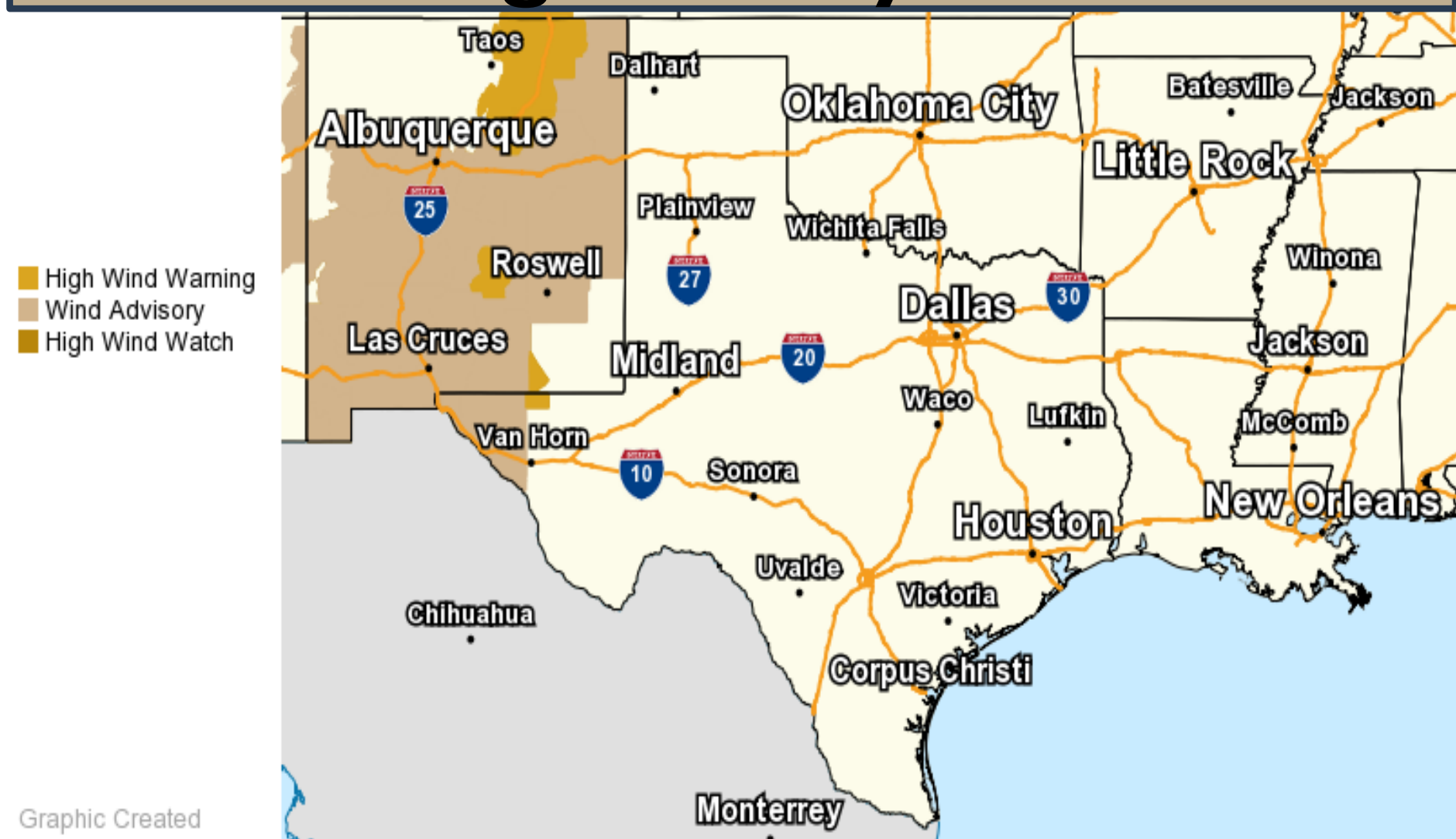
## Severe Weather & Flooding



**Red Flag Warnings across S & E NM and W TX for critical fire weather conditions expected today.**

**High Wind Watch/Warning/Advisories across much of NM.**

## Strong & Gusty Winds



## Winter Weather





# Tomorrow's Weather

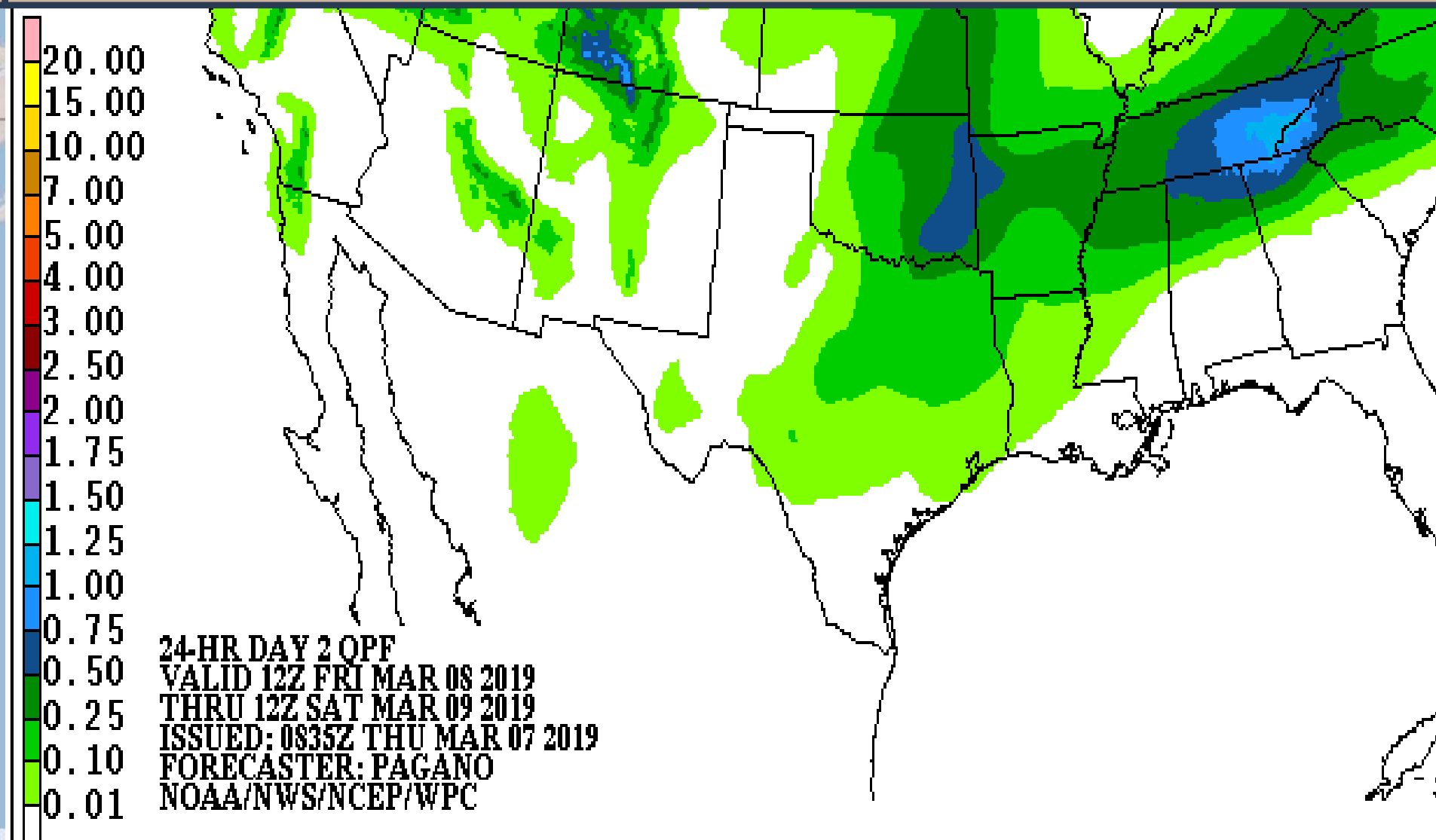
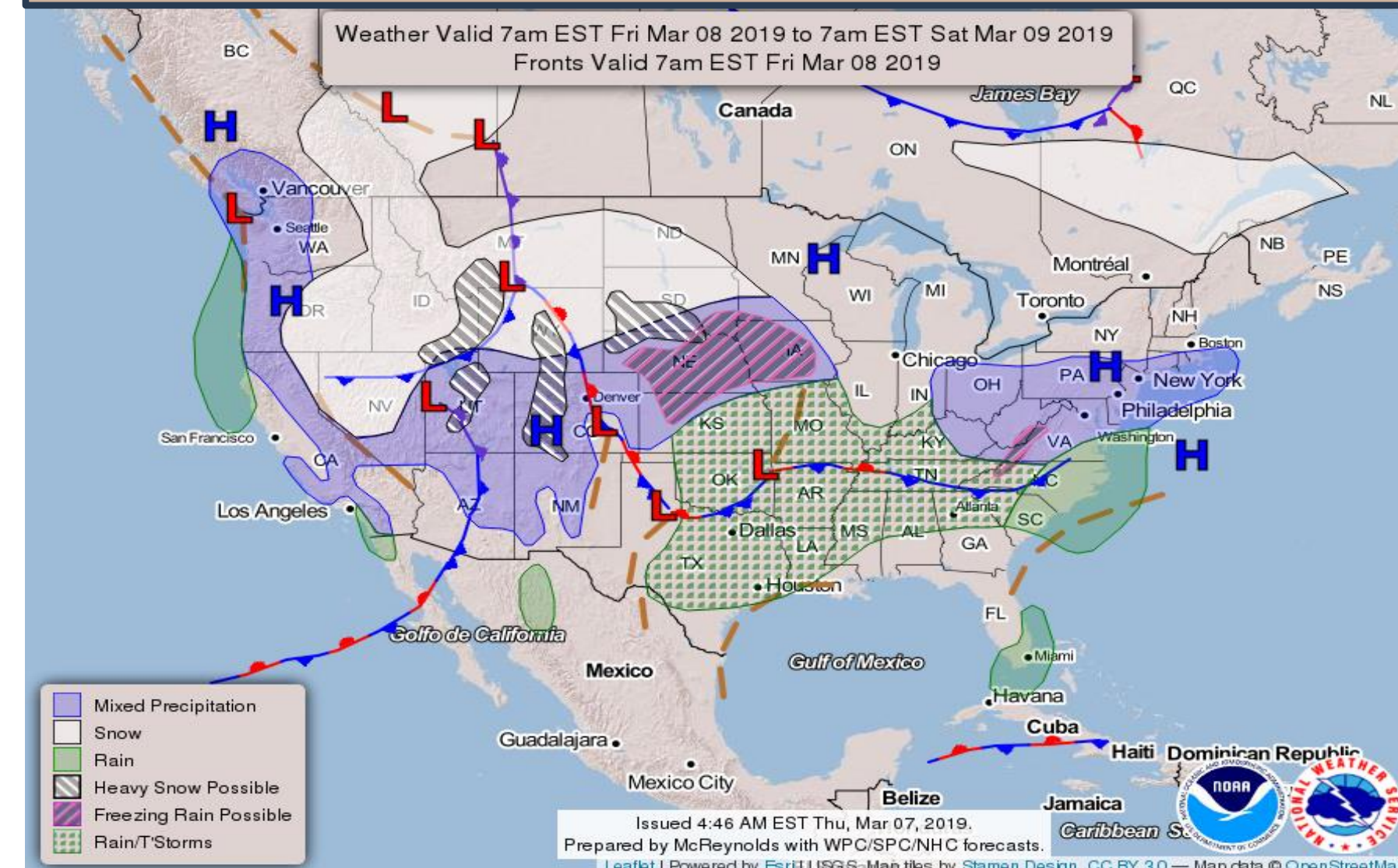


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## Forecast Chart

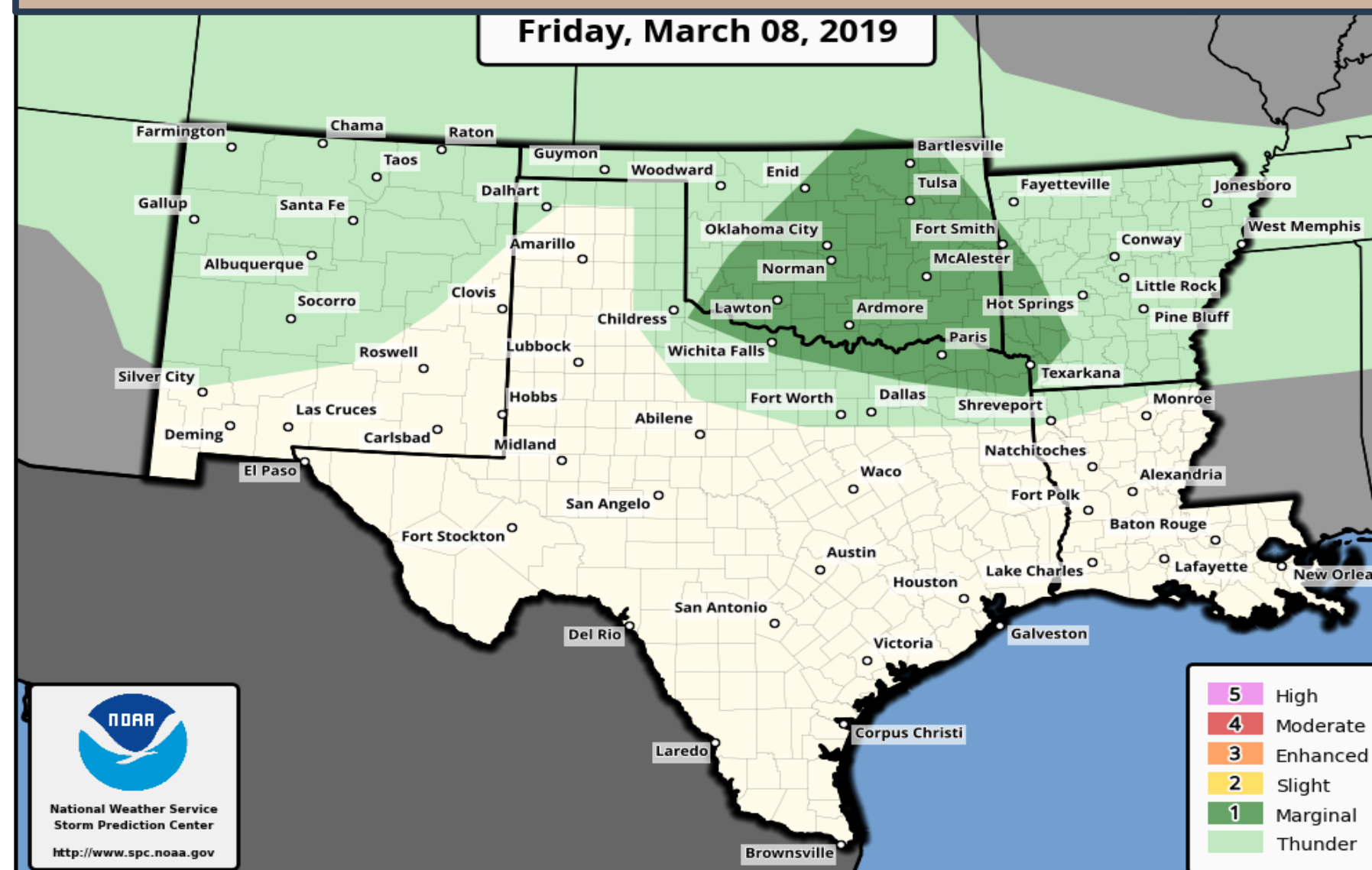
## Forecast Rainfall

Marginal risk for severe storms (main threat is hail) over portions of OK/NTX/WAR Friday night into Saturday morning.



## Severe Weather Outlook

## Excessive Rainfall Outlook

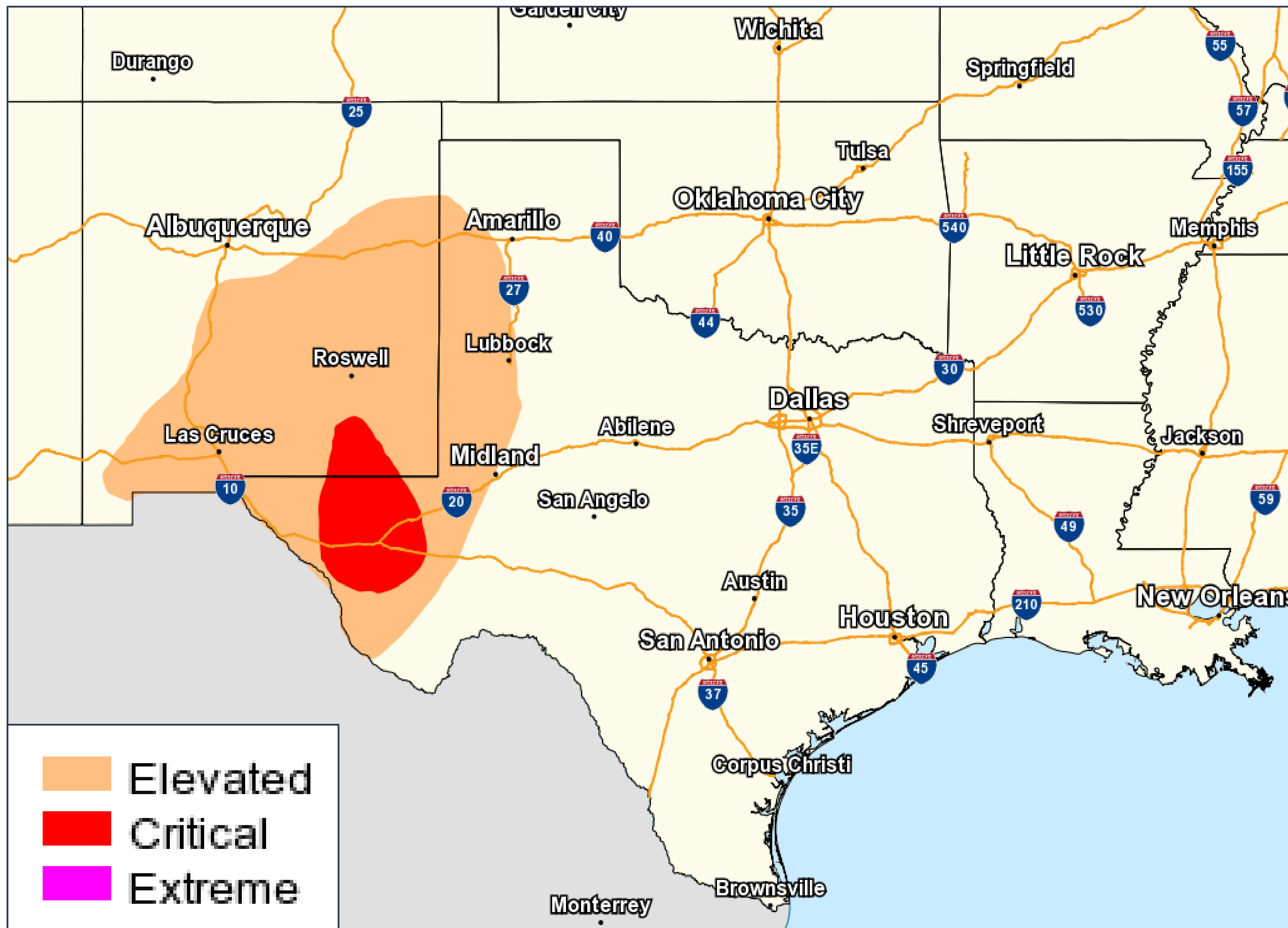




# Tomorrow's Fire Weather Outlook



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**Elevated to critical fire weather conditions possible across S&E NM and WTX.**



# Saturday's Weather



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## Forecast Chart

## Forecast Rainfall

Severe thunderstorms with  
damaging winds and a few  
tornadoes possible on  
**Saturday** across **AR/LA/**  
**East-Central&E OK/**  
**N&E&SE TX.**

Elevated fire weather  
conditions possible across  
**E NM/W TX** into the **TX**  
**Panhandle.**

## Severe Weather Outlook

## Excessive Rainfall Outlook

Saturday, March 09, 2019

Marginal  
Slight  
Moderate  
High

5 High  
4 Moderate  
3 Enhanced  
2 Slight  
1 Marginal  
Thunder

Graphic Created  
March 7th, 2019  
AM CST

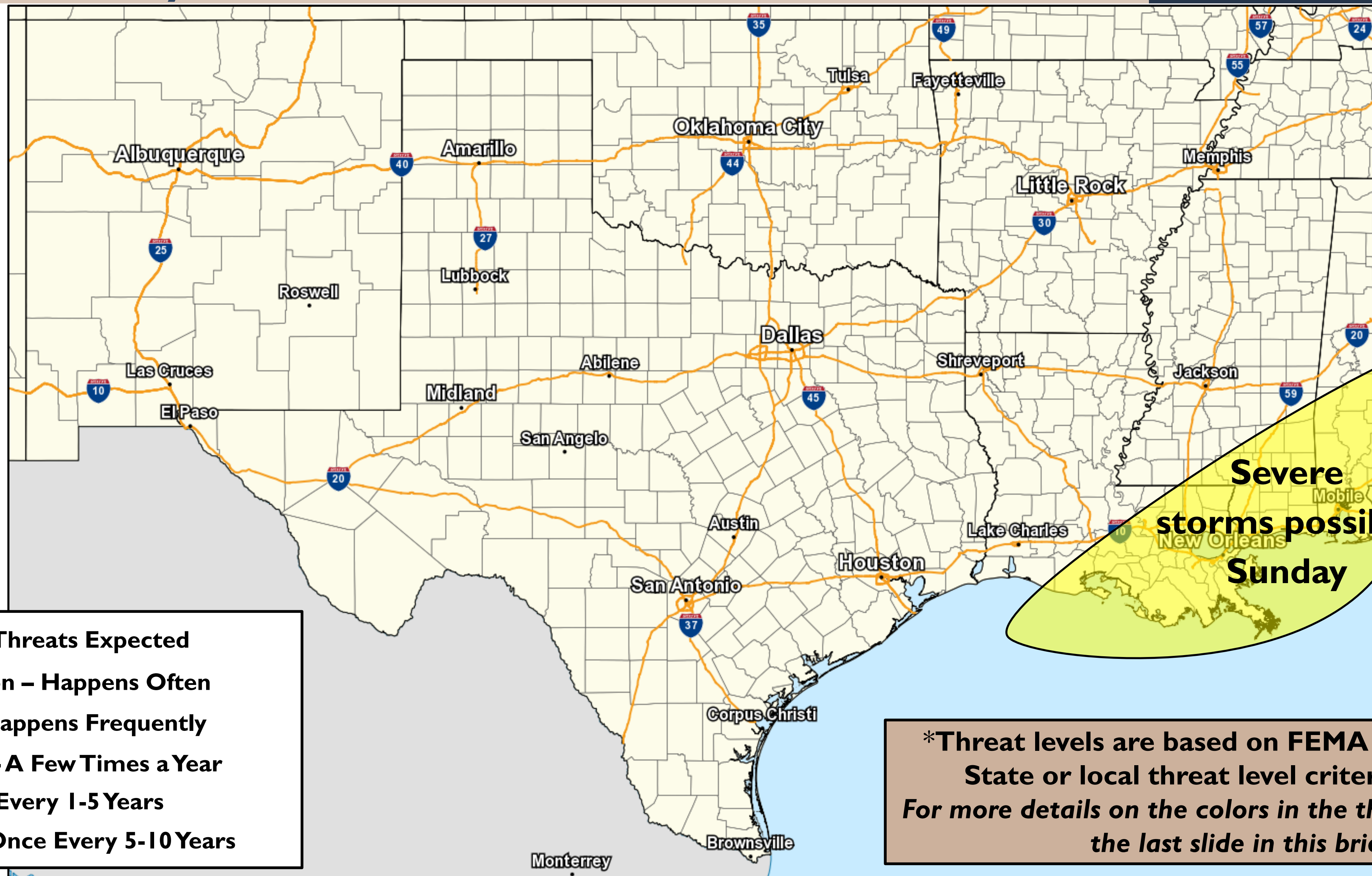


# Days 4-5 Weather Hazards

Sunday - Monday



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- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

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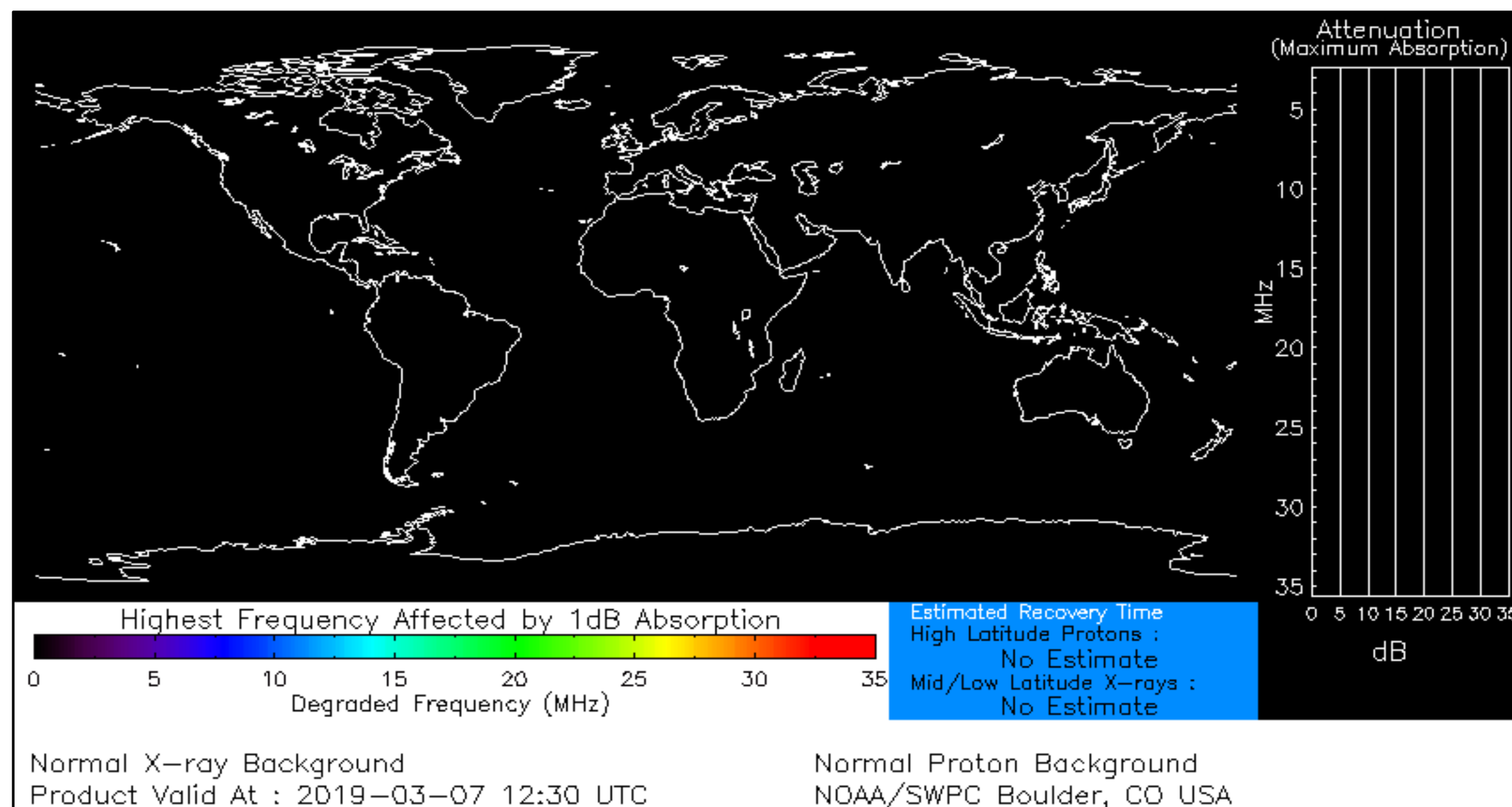


# Space Weather 3-Day Forecast



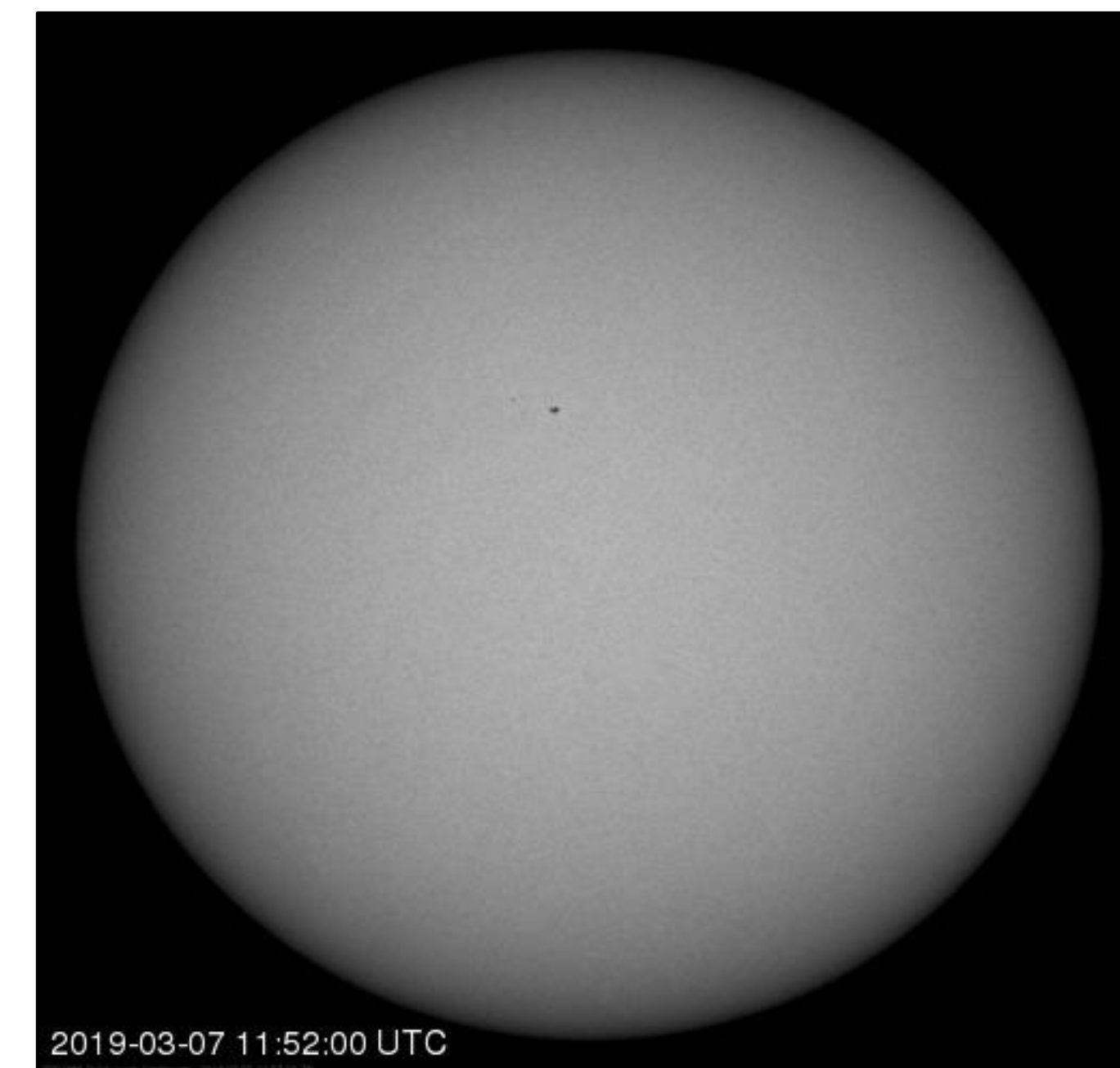
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	Thursday	Friday	Saturday
Geomagnetic Storms	Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)







# For more information, please contact:

**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX

Phone: (682) 703-3747

E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)

Web: <http://www.weather.gov/srh>





Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**